

SK



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PCT09

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/623,548A

DATE: 03/13/2003 86

TIME: 13:45:20

Input Set : A:\SEQLIST500862002100.TXT

Output Set: N:\CRF4\03132003\I623548A.raw

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3 <110> APPLICANT: Conjuchem, Inc.
4   Bridon, Dominique
5   Ezrin, Alan
6   Milner, Peter
7   Holmes, Darren
8   Thibaudeau, Karen
10 <120> TITLE OF INVENTION: PROTECTION OF ENDOGENOUS THERAPEUTIC PEPTIDES FROM
11   PEPTIDASE ACTIVITY THROUGH CONJUGATION TO BLOOD
12   COMPONENTS
14 <130> FILE REFERENCE: 2110
16 <140> CURRENT APPLICATION NUMBER: 09/623,548A
17 <141> CURRENT FILING DATE: 2000-09-05
19 <150> PRIOR APPLICATION NUMBER: 60/134,406
20 <151> PRIOR FILING DATE: 1999-05-17
22 <150> PRIOR APPLICATION NUMBER: 60/153,406
23 <151> PRIOR FILING DATE: 1999-09-10
25 <150> PRIOR APPLICATION NUMBER: 60/159,783
26 <151> PRIOR FILING DATE: 1999-10-18
28 <160> NUMBER OF SEQ ID NOS: 1617
30 <170> SOFTWARE: PatentIn Ver. 2.1
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 19
34 <212> TYPE: PRT
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
39   Peptide
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42 His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys Arg Arg Pro Val Lys
43   1           5           10           15
45 Val Tyr Pro
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50 <211> LENGTH: 8
51 <212> TYPE: PRT
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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58 <400> SEQUENCE: 2
59 Met Glu His Phe Arg Trp Gly Lys
60   1           5
63 <210> SEQ ID NO: 3
64 <211> LENGTH: 39

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65 <212> TYPE: PRT
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
70     Peptide
72 <400> SEQUENCE: 3
73 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
74   1             5             10             15
76 Arg Arg Pro Val Lys Val Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala
77           20           25           30
79 Glu Ala Phe Pro Leu Glu Phe
80       35
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85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
90     Peptide
92 <400> SEQUENCE: 4
93 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val
94   1             5             10
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98 <211> LENGTH: 16
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
104     Peptide
106 <400> SEQUENCE: 5
107 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
108   1             5             10             15
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 17
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
118     Peptide
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121 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
122   1             5             10             15
124 Arg
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129 <211> LENGTH: 24
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135      Peptide
137 <400> SEQUENCE: 7
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142           20
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150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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155 Met Glu His Phe Arg Trp Gly
156   1           5
159 <210> SEQ ID NO: 9
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161 <212> TYPE: PRT
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164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
166      Peptide
168 <400> SEQUENCE: 9
169 Phe Arg Trp Gly Lys Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val
170   1           5           10           15
172 Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu Ala Phe Pro Leu Glu
173   20           25           30
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181 <212> TYPE: PRT
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184 <220> FEATURE:
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186      Peptide
188 <400> SEQUENCE: 10
189 Arg Pro Val Lys Val Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu
190   1           5           10           15
192 Ala Phe Pro Leu Glu Phe
193           20
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197 <211> LENGTH: 39
198 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
203      Peptide
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207      1              5              10              15
209 Arg Arg Pro Val Lys Val Tyr Pro Asn Val Ala Glu Asn Glu Ser Ala
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212 Glu Ala Phe Pro Leu Glu Phe
213              35
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221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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225 <400> SEQUENCE: 12
226 Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val Tyr Pro Asn Val Ala
227      1              5              10              15
229 Glu Asn Glu Ser Ala Glu Ala Phe Pro Leu Glu Phe
230              20              25
233 <210> SEQ ID NO: 13
234 <211> LENGTH: 18
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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243 Val Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu Ala Phe Pro Leu
244      1              5              10              15
246 Glu Phe
250 <210> SEQ ID NO: 14
251 <211> LENGTH: 39
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
257 Peptide
259 <400> SEQUENCE: 14
260 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
261      1              5              10              15
263 Arg Arg Pro Val Lys Val Tyr Pro Asn Val Ala Glu Asn Glu Ser Ala
264              20              25              30
266 Glu Ala Phe Pro Leu Glu Phe
267              35
270 <210> SEQ ID NO: 15
271 <211> LENGTH: 28
272 <212> TYPE: PRT
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
277 Peptide

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Input Set : A:\SEQLIST500862002100.TXT

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279 <400> SEQUENCE: 15
280 Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val Tyr Pro Asn Val Ala
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284           20           25
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288 <211> LENGTH: 18
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
294 Peptide
296 <400> SEQUENCE: 16
297 Val Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu Ala Phe Pro Leu
298   1           5           10           15
300 Glu Phe
304 <210> SEQ ID NO: 17
305 <211> LENGTH: 33
306 <212> TYPE: PRT
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
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311 Peptide
313 <400> SEQUENCE: 17
314 Val Cys Ser Cys Arg Leu Val Phe Cys Arg Arg Thr Glu Leu Arg Val
315   1           5           10           15
317 Gly Asn Cys Leu Ile Gly Gly Val Ser Phe Thr Tyr Cys Cys Thr Arg
318           20           25           30
320 Val
324 <210> SEQ ID NO: 18
325 <211> LENGTH: 34
326 <212> TYPE: PRT
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
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331 Peptide
333 <400> SEQUENCE: 18
334 Gly Ile Cys Ala Cys Arg Arg Arg Phe Cys Pro Asn Ser Glu Arg Phe
335   1           5           10           15
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338           20           25           30
340 Arg Arg
344 <210> SEQ ID NO: 19
345 <211> LENGTH: 5
346 <212> TYPE: PRT
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
350 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
351 Peptide

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/623,548A

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Input Set : A:\SEQLIST500862002100.TXT  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:356; Xaa Pos. 17

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/623,548A

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Input Set : A:\SEQLIST500862002100.TXT

Output Set: N:\CRF4\03132003\I623548A.raw

L:1275 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (81) SEQUENCE:  
L:1738 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (108) SEQUENCE:  
L:5943 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:5947 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:356  
L:5951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:356 after pos.:16  
L:6857 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (409) SEQUENCE:  
L:6919 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (414) SEQUENCE: